

Claims

1. Closing system, in particular for motor vehicles, comprised of a handle (10) comprised of two shells (11, 12) and a lock (54) on the vehicle on at least one door (52), flap, or the like as well as an electronic control,

wherein the lock (54) can be switched between two states, i.e., a first state, preventing opening of the door (52) and a second state, allowing opening of the door (52), flap or the like,

and wherein in the area of the handle (10) at least one switching element (18) is arranged with which the electronic control can be activated, via which the lock (54) can be transferred from its first state into the second state allowing opening of the door (52), flap or the like,

characterized in that

the switching element (18) is integrated in a container (13, 13', 13'', 13'''),

and the container (13, 13', 13'', 13''') on at least one side has a touch surface (15') for actuating the switching element (18),

and the container (13, 13', 13'', 13''') is introduced into a receptacle (16) of the base shell (11) of the handle (10, 10', 10'', 10'''),

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and the base shell (11) of the handle (10, 10', 10'', 10''') has a window cutout (14) in its outer wall (19, 20) in the area of the receptacle (16) in which, when the container (13, 13', 13'', 13''') is inserted into the receptacle (16), the container surface supporting the touch surface (15, 15') is positioned.

2. Closing system according to claim 1, characterized in that in the area of the receptacle (16) guides (17) are provided in the handle (10, 10', 10'', 10''') for a shock-safe securing of the container (13, 13', 13'', 13''').
3. Closing system according to claim 1, characterized in that the switching elements (18) are electronically operating push switching elements.
4. Closing system according to claim 1 or 3, characterized in that an additional switching element (25) for securing the closing system is mounted in the handle (10) which can be actuated by a touch surface (26).
5. Closing system according to one of the claims 1 and 3-4, characterized in that the switching elements (18, 25) are microswitches.
6. Closing system according to one of the claims 1 and 3-4, characterized in that the switching elements (18, 25) are pressure sensors.

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7. Closing system according to one of the claims 1 and 3-4 characterized in that the switching elements (18, 25) are switching foils.
 8. Closing system according to one of the claims 1 to 7, characterized in that the switching element or elements are connected with an electric control unit which triggers the data inquiry of a data carrier of the user by the electric control unit

wherein the electric control unit is connected with a sending/receiving unit and via it transmits the data inquiry to the data carrier of the user,

and the data carrier, in turn, transmits its data from a data unit via a sender to the sending/receiving unit of the vehicle,

and the sending/receiving unit transmits the data to the electric control unit,

and the electric control unit triggers in a positive identification situation a release of the lock or locks on at least one door, a flap or the like of the vehicle.

9. Closing system according to claim 4, characterized in that the additional switching element (25) for securing the closing system is integrated into the container (13).

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10. Closing system according to claim 9, characterized in that the additional switching element (25) for securing the closing system is arranged at the side of the container (13) opposite the touch surface (25).
 11. Closing system according to one of the claims 1 to 10, characterized in that the container (13, 13', 13'') is an enclosed component.
 12. Closing system according to one of the claims 1 to 11, characterized in that the container (13, 13', 13'') is of a unitary configuration and the switching element (18, 25) is enclosed in its container interior (21).
 13. Closing system according to one of the claims 1 to 12, characterized in that the container (13, 13', 13'') is closed in an media-tight way.
 14. Closing system according to one of the claims 1 to 13, characterized in that the handle (10, 10', 10'', 10''') is comprised of a base shell (11) comprising the receptacle (19) and a cover part (12).
 15. Closing system according to one of the claims 1 to 14, characterized in that the window cutout (14) is arranged on the side (23) of the handle (10, 10', 10'', 10''') facing the door.

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16. Closing system according to one of the claims 1 to 15, characterized in that the window cutout (27) is arranged on the side (24) of the handle (10) facing away from the door.
 17. Closing system according to one of the claims 8 to 16, characterized in that the switching element (25) for securing the closing system is arranged in the window cutout (27) arranged at the side (24) of the handle (10) facing away from the door.
 18. Closing system according to one of the claims 1 to 15, characterized in that on the touch surface (15, 15') of the container (13, 13', 13'') markings (22) that are characterized and/or can be felt by touch are provided.